

LITHOLOGIC DESCRIPTION OF SAMPLES SUBMITTED FOR ASSAY ¹¹

Core samples from U. S. Geological Survey's Mesa Road wells 1 and 1A drilled
2650 feet W. of E. line and 700 feet S. of N. line of sec. 27, T. 11 S.,
R. 96 W., Mesa County, Colorado

Sampled interval:

Surface elevation 8680 feet Core 1, 0 to 38.1 feet; core 1A, 36.0 to 42.1 feet

From	To	Description
(1-inch core)		
0.0	2.0	Mudstone, buff, soft, unctuous. Massive to faintly bedded.
2.0	5.1	Mudstone, buff, silty. Faint regular bedding.
(5/8-inch core)		
5.1	9.0	Mudstone, buff, silty. Faint regular bedding to massive. Rare very fine limestone bands.
9.0	14.0	Mudstone, light brownish-gray, massive.
14.0	14.4	Mudstone, light brown, faint irregular banding. A fine vertical fracture with dull black coatings runs the length of the sample.
14.4	20.4	Marlstone, buff to brown and rare dark brown. Faintly to distinctly laminated. Rare black coatings.
20.4	22.1	Oil shale, lean, buff to brownish-gray, banded.
22.1	30.0	Marlstone, buff, some brownish-gray. Massive to faintly bedded.
30.0	32.3	Marlstone, buff to brownish-gray, distinctly laminated.
32.3	36.4	Mudstone, gray and buff, some light brownish-gray. Massive to faintly laminated.
36.4	37.2	Mudstone and marlstone, gray, buff and brownish-gray. Faintly to distinctly laminated.
37.2	38.1	Mudstone, gray and brownish-gray. Massive to faintly laminated.
(bottom of core 1)		
36.0	37.6	Mudstone, gray and brownish-gray. Rare irregular to slightly contorted dark brown (tuffaceous?) laminations in lower part.
(top of core 1A)		
37.6	38.5	Oil shale, lean, buff to dark brownish-gray, distinctly laminated.
38.5	40.8	Mudstone, gray, massive.
40.8	42.1	Mudstone, siltstone and very fine calcareous sandstone, light brownish-gray and gray. Massive to faintly bedded.
42.1		Bottom of core.

Samples received October 16, 1961

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